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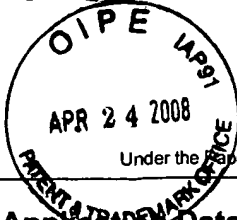
Application Data Sheet 37 CFR 1.76		Attorney Docket Number	16517.288/38-21(53373)B
		Application Number	10/612,783
Title of Invention	Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement		
The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.			

Secrecy Order 37 CFR 5.2

- ☐ Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

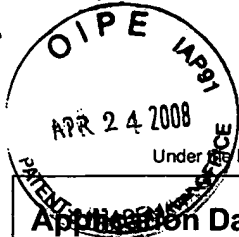
Applicant Information:

Applicant 1					
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118	
Prefix	Given Name	Middle Name	Family Name	Suffix	
	Thomas	J.	LA ROSA		
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service					
City	Fenton	State/Province	MO	Country of Residence i	US
Citizenship under 37 CFR 1.41(b) i		US			
Mailing Address of Applicant:					
Address 1		651 Green Forest Drive			
Address 2					
City	Fenton	State/Province	MO		
Postal Code	63026	Country i	US		
Applicant 2					
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118	
Prefix	Given Name	Middle Name	Family Name	Suffix	
	David	K.	KOVALIC		
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service					
City	Clayton	State/Province	MO	Country of Residence i	US
Citizenship under 37 CFR 1.41(b) i		US			
Mailing Address of Applicant:					
Address 1		39 Hillvale Drive			
Address 2					
City	Clayton	State/Province	MO		
Postal Code	63105	Country i	US		
Applicant 3					
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118	
Prefix	Given Name	Middle Name	Family Name	Suffix	
	Yihua		ZHOU		
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service					
City	Ballwin	State/Province	MO	Country of Residence i	US



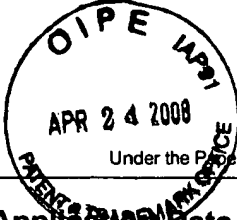
Application Data Sheet 37 CFR 1.76		Attorney Docket Number	16517.288/38-21(53373)B
		Application Number	10/612,783
Title of Invention	Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement		

Citizenship under 37 CFR 1.41(b) i		US	
Mailing Address of Applicant:			
Address 1		1016 Westrun Drive	
Address 2			
City	Ballwin	State/Province	MO
Postal Code	63021	Countryⁱ	US
Applicant 4			
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117	
		<input type="radio"/> Party of Interest under 35 U.S.C. 118	
Prefix	Given Name	Middle Name	Family Name
	Yongwei		CAO
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service			
City	Chesterfield	State/Province	MO
		Country of Residence i	US
Citizenship under 37 CFR 1.41(b) i		CN	
Mailing Address of Applicant:			
Address 1		16796 Baxter Pointe Court	
Address 2			
City	Chesterfield	State/Province	MO
Postal Code	63005	Countryⁱ	US
Applicant 5			
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117	
		<input type="radio"/> Party of Interest under 35 U.S.C. 118	
Prefix	Given Name	Middle Name	Family Name
	Mark	S.	ABAD
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service			
City	Webster Groves	State/Province	MO
		Country of Residence i	US
Citizenship under 37 CFR 1.41(b) i		US	
Mailing Address of Applicant:			
Address 1		118 Glen Road	
Address 2			
City	Webster Groves	State/Province	MO
Postal Code	63119	Countryⁱ	US
Applicant 6			
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117	
		<input type="radio"/> Party of Interest under 35 U.S.C. 118	
Prefix	Given Name	Middle Name	Family Name
	Scott	E.	ANDERSEN
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service			
City	St. Louis	State/Province	MO
		Country of Residence i	US
Citizenship under 37 CFR 1.41(b) i		US	



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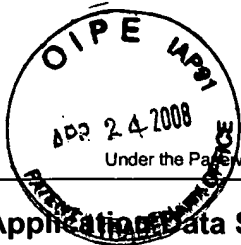
Mailing Address of Applicant:				
Address 1		1036 Fashion Square		
Address 2				
City	St. Louis	State/Province	MO	
Postal Code	63146	Countryⁱ	US	
Applicant 7				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Robert	E.	BUEHLER	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Chesterfield	State/Province	MO	Country of Residenceⁱ US
Citizenship under 37 CFR 1.41(b)ⁱ		US		
Mailing Address of Applicant:				
Address 1		1893 Braumton Court		
Address 2				
City	Chesterfield	State/Province	MO	
Postal Code	63017	Countryⁱ	US	
Applicant 8				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Joseph	R.	BYRUM	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	West Des Moines	State/Province	IA	Country of Residenceⁱ US
Citizenship under 37 CFR 1.41(b)ⁱ		US		
Mailing Address of Applicant:				
Address 1		4533 Woodland Avenue, Unit 1		
Address 2				
City	West Des Moines	State/Province	IA	
Postal Code	50266	Countryⁱ	US	
Applicant 9				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Nordine		CHEIKH	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Chesterfield	State/Province	MO	Country of Residenceⁱ US
Citizenship under 37 CFR 1.41(b)ⁱ		US		



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Applicant Data Sheet 37 CFR 1.76	Attorney Docket Number	16517.288/38-21(53373)B
	Application Number	10/612,783
Title of Invention Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement		

Mailing Address of Applicant:				
Address 1		16534 Baxter Forest Ridge		
Address 2				
City	Chesterfield	State/Province	MO	
Postal Code	63005	Country	US	
Applicant 10				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Timothy	W.	CONNER	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Chesterfield	State/Province	MO	Country of Residence i US
Citizenship under 37 CFR 1.41(b) i		US		
Mailing Address of Applicant:				
Address 1		989 Tara Oaks Drive		
Address 2				
City	Chesterfield	State/Province	MO	
Postal Code	63005	Country	US	
Applicant 11				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Brian	E.	COOMBS	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Imperial	State/Province	MO	Country of Residence i US
Citizenship under 37 CFR 1.41(b) i		US		
Mailing Address of Applicant:				
Address 1		5925 Mastodon Pines Drive		
Address 2				
City	Imperial	State/Province	MO	
Postal Code	63052	Country	US	
Applicant 12				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Stanton	B.	DOTSON	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Chesterfield	State/Province	MO	Country of Residence i US
Citizenship under 37 CFR 1.41(b) i		US		

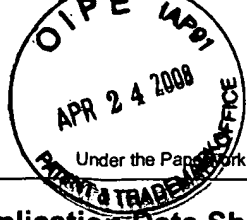


Application Data Sheet 37 CFR 1.76	Attorney Docket Number	16517.288/38-21(53373)B
	Application Number	10/612,783
Title of Invention Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement		

Mailing Address of Applicant:				
Address 1		379 Palomino Hill Court		
Address 2				
City	Chesterfield	State/Province	MO	
Postal Code	63005	Countryⁱ	US	
Applicant 13				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Patrice		DUBOIS	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Richmond Heights	State/Province	MO	Country of Residenceⁱ US
Citizenship under 37 CFR 1.41(b)ⁱ		CA		
Mailing Address of Applicant:				
Address 1		7086 Oakland Avenue, Apt. 2W		
Address 2				
City	Richmond Heights	State/Province	MO	
Postal Code	63117	Countryⁱ	US	
Applicant 14				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Michael	D.	EDGERTON	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	St. Louis	State/Province	MO	Country of Residenceⁱ US
Citizenship under 37 CFR 1.41(b)ⁱ		US		
Mailing Address of Applicant:				
Address 1		431 Westgate Avenue		
Address 2				
City	St. Louis	State/Province	MO	
Postal Code	63130	Countryⁱ	US	
Applicant 15				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Dane	K.	FISHER	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Richfield	State/Province	NC	Country of Residenceⁱ US
Citizenship under 37 CFR 1.41(b)ⁱ		US		

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Application Data Sheet 37 CFR 1.76		Attorney Docket Number		16517.288/38-21(53373)B	
		Application Number		10/612,783	
Title of Invention		Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement			
Mailing Address of Applicant:					
Address 1		48244 Wesley Chapel Road			
Address 2					
City	Richfield		State/Province	NC	
Postal Code	28137		Country	US	
Applicant 16					
Applicant Authority		<input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117	
				<input type="radio"/> Party of Interest under 35 U.S.C. 118	
Prefix	Given Name	Middle Name	Family Name	Suffix	
	Kristine	J.	HARDEMAN		
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service					
City	Westerly		State/Province	RI	Country of Residence
					US
Citizenship under 37 CFR 1.41(b) i		US			
Mailing Address of Applicant:					
Address 1		14 South Drive			
Address 2					
City	Westerly		State/Province	RI	
Postal Code	02891		Country	US	
Applicant 17					
Applicant Authority		<input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117	
				<input type="radio"/> Party of Interest under 35 U.S.C. 118	
Prefix	Given Name	Middle Name	Family Name	Suffix	
	Gregory	R.	HECK		
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service					
City	Crystal Lake Park		State/Province	MO	Country of Residence
					US
Citizenship under 37 CFR 1.41(b) i		US			
Mailing Address of Applicant:					
Address 1		2200 Divot Drive			
Address 2					
City	Crystal Lake Park		State/Province	MO	
Postal Code	63131		Country	US	
Applicant 18					
Applicant Authority		<input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117	
				<input type="radio"/> Party of Interest under 35 U.S.C. 118	
Prefix	Given Name	Middle Name	Family Name	Suffix	
	Gregory	J.	HINKLE		
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service					
City	Plymouth		State/Province	MA	Country of Residence
					US
Citizenship under 37 CFR 1.41(b) i		US			

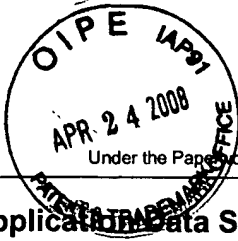


Application Data Sheet 37 CFR 1.76		Attorney Docket Number	16517.288/38-21(53373)B
		Application Number	10/612,783
Title of Invention	Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement		

Mailing Address of Applicant:				
Address 1		143 Sandwich Road		
Address 2				
City	Plymouth	State/Province	MA	
Postal Code	02360	Country ⁱ	US	
Applicant 19				
Applicant Authority		<input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117
				<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Raghunath	V.	LALGUDI	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Watertown	State/Province	MA	Country of Residence ⁱ US
Citizenship under 37 CFR 1.41(b) ⁱ		IN		

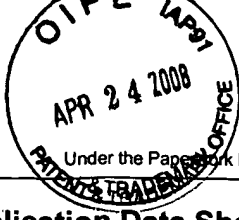
Mailing Address of Applicant:				
Address 1		81 Summer Street		
Address 2				
City	Watertown	State/Province	MA	
Postal Code	02472	Country ⁱ	US	
Applicant 20				
Applicant Authority		<input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117
				<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Jingdong		LIU	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Chesterfield	State/Province	MO	Country of Residence ⁱ US
Citizenship under 37 CFR 1.41(b) ⁱ		US		

Mailing Address of Applicant:				
Address 1		2200 Sycamore Drive		
Address 2				
City	Chesterfield	State/Province	MO	
Postal Code	63017	Country ⁱ	US	
Applicant 21				
Applicant Authority		<input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117
				<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Linda	L.	LUTFIYYA	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	St. Louis	State/Province	MO	Country of Residence ⁱ US
Citizenship under 37 CFR 1.41(b) ⁱ		US		



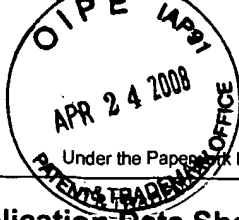
Application Data Sheet 37 CFR 1.76		Attorney Docket Number	16517.288/38-21(53373)B
		Application Number	10/612,783
Title of Invention	Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement		

Mailing Address of Applicant:				
Address 1		969 N. Hanley		
Address 2				
City	St. Louis	State/Province	MO	
Postal Code	63130	Country ⁱ	US	
Applicant 22				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Debbie	A.	MAHADEO	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	St. Louis	State/Province	MO	Country of Residence ⁱ US
Citizenship under 37 CFR 1.41(b) ⁱ		US		
Mailing Address of Applicant:				
Address 1		8108 Delmar Blvd.		
Address 2				
City	St. Louis	State/Province	MO	
Postal Code	63130	Country ⁱ	US	
Applicant 23				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	James	D.	MASUCCI	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Ballwin	State/Province	MO	Country of Residence ⁱ US
Citizenship under 37 CFR 1.41(b) ⁱ		US		
Mailing Address of Applicant:				
Address 1		4 Foxcliff Court		
Address 2				
City	Ballwin	State/Province	MO	
Postal Code	63011	Country ⁱ	US	
Applicant 24				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	James	D.	MCININCH	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Burlington	State/Province	MA	Country of Residence ⁱ US
Citizenship under 37 CFR 1.41(b) ⁱ		US		



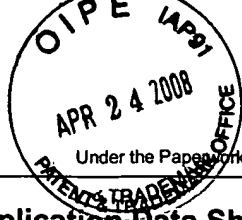
Application Data Sheet 37 CFR 1.76		Attorney Docket Number	16517.288/38-21(53373)B
		Application Number	10/612,783
Title of Invention	Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement		

Mailing Address of Applicant:				
Address 1		43 Beaverbrook Road		
Address 2				
City	Burlington	State/Province	MA	
Postal Code	01803	Country ⁱ	US	
Applicant 25				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Philip	W.	MILLER	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	O'Fallon	State/Province	MO	Country of Residence ⁱ US
Citizenship under 37 CFR 1.41(b) ⁱ		US		
Mailing Address of Applicant:				
Address 1		306 Walnut Forest Drive		
Address 2				
City	O'Fallon	State/Province	MO	
Postal Code	63366	Country ⁱ	US	
Applicant 26				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Donald	E.	NELSON	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Stonington	State/Province	CT	Country of Residence ⁱ US
Citizenship under 37 CFR 1.41(b) ⁱ		US		
Mailing Address of Applicant:				
Address 1		4 Shawondassee Drive		
Address 2				
City	Stonington	State/Province	CT	
Postal Code	06378	Country ⁱ	US	
Applicant 27				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Ming		PENG	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Manchester	State/Province	MO	Country of Residence ⁱ US
Citizenship under 37 CFR 1.41(b) ⁱ		US		




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Mailing Address of Applicant:				
Address 1		1685 Carman Mill Road		
Address 2				
City	Manchester	State/Province	MO	
Postal Code	63021	Country ⁱ	US	
Applicant 28				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Thomas	G.	RUFF	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Wildwood	State/Province	MO	Country of Residence ⁱ US
Citizenship under 37 CFR 1.41(b) ⁱ		US		
Mailing Address of Applicant:				
Address 1		19139 Hardt Road		
Address 2				
City	Wildwood	State/Province	MO	
Postal Code	63038	Country ⁱ	US	
Applicant 29				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Hridayabhiranjan		SHUKLA	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Ballwin	State/Province	MO	Country of Residence ⁱ US
Citizenship under 37 CFR 1.41(b) ⁱ		US		
Mailing Address of Applicant:				
Address 1		453 Gateford Drive		
Address 2				
City	Ballwin	State/Province	MO	
Postal Code	63021	Country ⁱ	US	
Applicant 30				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Joshua	C.	STEIN	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Acton	State/Province	MA	Country of Residence ⁱ US
Citizenship under 37 CFR 1.41(b) ⁱ		US		



Application Data Sheet 37 CFR 1.76		Attorney Docket Number	16517.288/38-21(53373)B
		Application Number	10/612,783
Title of Invention	Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement		

Mailing Address of Applicant:				
Address 1		152 Nagog Hill Road		
Address 2				
City	Acton	State/Province	MA	
Postal Code	01720	Country ⁱ	US	
Applicant 31				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Michael	D.	THOMPSON	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	River Falls	State/Province	WI	Country of Residence ⁱ US
Citizenship under 37 CFR 1.41(b) ⁱ		US		
Mailing Address of Applicant:				
Address 1		239 Kusilek Street		
Address 2				
City	River Falls	State/Province	WI	
Postal Code	54022	Country ⁱ	US	
Applicant 32				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Kunsheng		WU	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Ballwin	State/Province	MO	Country of Residence ⁱ US
Citizenship under 37 CFR 1.41(b) ⁱ		US		
Mailing Address of Applicant:				
Address 1		950 Kiefer Trail Drive		
Address 2				
City	Ballwin	State/Province	MO	
Postal Code	63021	Country ⁱ	US	
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button. 				

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).	
<input type="checkbox"/> An Address is being provided for the correspondence information of this application.	
Customer Number	66057
Email Address	 

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Application Data Sheet 37 CFR 1.76

Attorney Docket Number 16517.288/38-21(53373)B

Application Number 10/612,783

Title of Invention Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement

Application Information:

Title of the Invention	Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement		
Attorney Docket Number	16517.288/38-21(53373)B	Small Entity Status Claimed	<input type="checkbox"/>
Application Type	Nonprovisional		
Subject Matter	Utility		
Suggested Class (if any)		Sub Class (if any)	
Suggested Technology Center (if any)			
Total Number of Drawing Sheets (if any)		Suggested Figure for Publication (if any)	

Publication Information:☐ Request Early Publication (Fee required at time of Request 37 CFR 1.219)**Request Not to Publish.** I hereby request that the attached application not be published under 35 U.S.☐ C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.**Representative Information:**

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Enter either Customer Number or complete the Representative Name section below. If both sections are completed the Customer Number will be used for the Representative Information during processing.

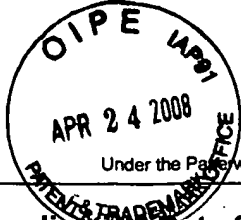
Please Select One: ☒ Customer Number ☐ US Patent Practitioner ☐ Limited Recognition (37 CFR 11.9)

Customer Number 66057

Domestic Benefit/National Stage Information:

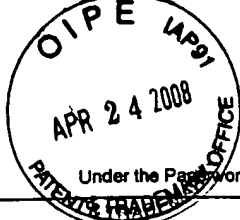
This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c) or indicate National Stage entry from a PCT application. Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78(a)(2) or CFR 1.78(a)(4), and need not otherwise be made part of the specification.

Prior Application Status	Pending	<input type="button" value="Remove"/>	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/371146	1999-08-09
Prior Application Status	Abandoned	<input type="button" value="Remove"/>	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/371146	Continuation in part of	09/304517	1999-05-06
Prior Application Status	Pending	<input type="button" value="Remove"/>	



Application Data Sheet 37 CFR 1.76	Attorney Docket Number	16517.288/38-21(53373)B
	Application Number	10/612,783
Title of Invention Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement		

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/684016	2000-10-10
Prior Application Status	Abandoned	[Remove]	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/684016	Continuation in part of	09/654617	2000-09-05
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Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/985678	2001-11-05
Prior Application Status	Abandoned	[Remove]	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/985678	Continuation of	09/304517	1999-05-06
Prior Application Status	Abandoned	[Remove]	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/816660	2001-03-26
Prior Application Status	Abandoned	[Remove]	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/816660	Continuation of	09/733089	2000-12-11
Prior Application Status	Abandoned	[Remove]	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	10/155881	2002-05-22
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Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/333535	1999-06-14
Prior Application Status	Expired	[Remove]	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/333535	non provisional of	60/089524	1998-06-16
Prior Application Status	Abandoned	[Remove]	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/615606	2000-07-13
Prior Application Status	Expired	[Remove]	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/615606	non provisional of	60/144084	1999-07-16
Prior Application Status	Pending	[Remove]	



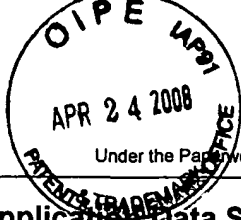
PTO/SB/14 (07-07)

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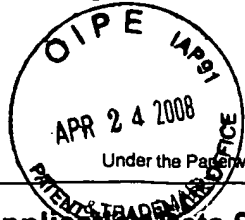
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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	16517.288/38-21(53373)B
		Application Number	10/612,783
Title of Invention	Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement		
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Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/394745	1999-09-15
Prior Application Status	Abandoned	Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/565306	2000-05-04
Prior Application Status	Expired	Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
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Prior Application Status	Abandoned	Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/553094	2000-04-18
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10/612783	Continuation in part of	09/440687	1999-11-16
Prior Application Status	Abandoned	Remove	



Application Data Sheet 37 CFR 1.76		Attorney Docket Number	16517.288/38-21(53373)B
		Application Number	10/612,783
Title of Invention	Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement		

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/552086	2000-04-19
Prior Application Status	Expired		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/552086	non provisional of	60/130464	1999-04-22
Prior Application Status	Expired		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/552086	non provisional of	60/141132	1999-06-28
Prior Application Status	Expired		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/552086	non provisional of	60/141139	1999-06-28
Prior Application Status	Expired		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/552086	non provisional of	60/141135	1999-06-28
Prior Application Status	Expired		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/552086	non provisional of	60/130174	1999-04-20
Prior Application Status	Pending		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/531113	2000-03-22
Prior Application Status	Expired		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/531113	non provisional of	60/125818	1999-03-23
Prior Application Status	Expired		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/531113	non provisional of	60/141132	1999-06-28
Prior Application Status	Expired		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/531113	non provisional of	60/141139	1999-06-28
Prior Application Status	Expired		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/531113	non provisional of	60/141135	1999-06-28
Prior Application Status	Expired		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
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Prior Application Status	Expired		



PTO/SB/14 (07-07)

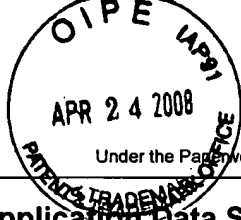
Approved for use through 06/30/2010. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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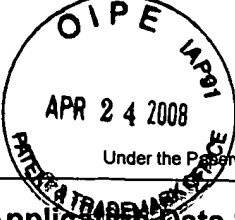
Application Data Sheet 37 CFR 1.76	Attorney Docket Number	16517.288/38-21(53373)B
	Application Number	10/612,783
Title of Invention Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement		

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/531113	non provisional of	60/130174	1999-04-20
Prior Application Status	Pending	Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/692257	2000-10-19
Prior Application Status	Abandoned	Remove	
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Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
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Prior Application Status	Abandoned	Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/669817	2000-09-26
Prior Application Status	Abandoned	Remove	
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Prior Application Status	Expired	Remove	
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10/612783	Continuation in part of	09/849526	2001-05-07
Prior Application Status	Expired	Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/849526	non provisional of	60/202214	2000-05-08
Prior Application Status	Abandoned	Remove	



Application Data Sheet 37 CFR 1.76	Attorney Docket Number	16517.288/38-21(53373)B
	Application Number	10/612,783
Title of Invention Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement		

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/874708	2001-06-05
Prior Application Status	Expired	Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/874708	non provisional of	60/211750	2000-06-15
Prior Application Status	Abandoned	Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/873402	2001-06-05
Prior Application Status	Expired	Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/873402	non provisional of	60/209830	2000-06-06
Prior Application Status	Abandoned	Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/865419	2001-05-29
Prior Application Status	Expired	Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/865419	non provisional of	60/208063	2000-05-31
Prior Application Status	Abandoned	Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/865439	2001-05-29
Prior Application Status	Expired	Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/865439	non provisional of	60/207458	2000-05-30
Prior Application Status	Abandoned	Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/938294	2001-08-24
Prior Application Status	Expired	Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
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Prior Application Status	Abandoned	Remove	
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Prior Application Status	Expired	Remove	
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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	16517.288/38-21(53373)B
		Application Number	10/612,783
Title of Invention	Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement		

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/219999	non provisional of	60/324109	2001-09-21
Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the Add button.			

Foreign Priority Information:

This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority is not claimed. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(a).

Remove			
Application Number	Country ⁱ	Parent Filing Date (YYYY-MM-DD)	Priority Claimed
			<input checked="" type="radio"/> Yes <input type="radio"/> No
Additional Foreign Priority Data may be generated within this form by selecting the Add button.			

Assignee Information:

Providing this information in the application data sheet does not substitute for compliance with any requirement of part 3 of Title 37 of the CFR to have an assignment recorded in the Office.

Assignee 1

If the Assignee is an Organization check here. ☐

Prefix	Given Name	Middle Name	Family Name	Suffix

Mailing Address Information:

Address 1			
Address 2			
City		State/Province	
Country ⁱ		Postal Code	
Phone Number		Fax Number	
Email Address			
Additional Assignee Data may be generated within this form by selecting the Add button.			

Signature:

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the form of the signature.

Signature			Date (YYYY-MM-DD)	2008-04-24	
First Name	Holly Logue	Last Name	Prutz	Registration Number	47755